

**Amendments to claims****1 canceled****2 (previously amended): The adhesive of claim 19 which has a heat stress value of above about 150°F.****3 (previously amended): The adhesive of claim 19 which gives partial to full fiber tear at temperatures between about -20°F to about 160°F.****4 (previously amended): The adhesive of claim 19 which further comprises an ethylene n-butyl acrylate copolymer, a tackifier and/or a wax.****5 (original): A hot melt adhesive comprising ethylene-2-ethylhexyl acrylate copolymer and a functionalized polyethylene additive.****6 (original): The hot melt adhesive of claim 5 further comprising a tackifier and a wax.****7 (original): The adhesive of claim 5 further comprising an ethylene vinyl acetate copolymer and/or an ethylene n-butyl acrylate copolymer.**

8 (original): The adhesive of claim 6 wherein the wax is a polyethylene wax.

9 (original): The adhesive of claim 6 wherein the tackifier is a hydrogenated aliphatic hydrocarbon tackifier.

10 (previously amended): The adhesive of claim 6 comprising from about 5 to about 50 wt % ethylene-2-ethylhexyl acrylate copolymer, from about 5 to about 40 wt % of a wax, from about 5 to about 60 wt % of a tackifier, from about 5 to about 30 wt % of a functionalized polyethylene additive, up to about 30 wt % of an ethylene vinyl acetate copolymer, up to about 30 wt % of an ethylene n-butyl acrylate copolymer and up to about 1 wt % of an antioxidant.

11 (original): The adhesive of claim 10 wherein the wax is a Fischer-Tropsch wax.

12 (original): The adhesive of claim 11 comprising from about 15 to about 35 wt % of a polyethylene wax.

13-18 canceled

19 (previously presented): The adhesive of claim 5 which is applied at a temperature of from 300°F to about 200°F.

20 (previously presented): The adhesive of claim 19 which is applied at a temperature of from 300°F to about 250°F.

**21 (previously presented):** The adhesive of claim 5 comprising an ethylene-2-ethylhexyl acrylate copolymer, a functionalized polyethylene additive, a hydrogenated aliphatic hydrocarbon tackifier, and a polyethylene wax.

**22 (previously presented):** The adhesive of claim 21 further comprising an ethylene vinyl acetate copolymer and/or an ethylene n-butyl acrylate copolymer.

**23 (previously presented):** The adhesive of claim 5 which comprises from about 5 to 25 wt % of said ethylene-2-ethylhexyl acrylate copolymer.

**24 (previously presented):** The adhesive of claim 23 which comprises from about 5 to 15 wt % of said ethylene-2-ethylhexyl acrylate copolymer.

**25 (previously presented):** The adhesive of claim 24 which further comprises a tackifier, a wax and an ethylene copolymer selected from the group consisting of ethylene vinyl acetate copolymers and ethylene n-butyl acrylate copolymers.

**26 (new):** The adhesive of claim 5 wherein the functional polyolefin additive is maleic modified polyethylene.

**27 (new):** The adhesive of claim 21 wherein the functional polyolefin additive is maleic modified polyethylene.